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IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Richard M Lum  
David A Mixon  
Eric M Monberg  
Dennis J Trevor

CASE 6-11-9-8

Serial No. 10/680611

Group Art Unit 1731

Filed October 7, 2003

Examiner John M. Hoffmann

Title Silica-Based Optical Fibers And Multi-Pass Sintering

COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

SIR:

Enclosed is an amendment in the above-identified application.

NO ADDITIONAL FEE REQUIRED

In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Deposit Account No. 12-2325** as required to correct the error.

Respectfully,

John F. McCabe, Attorney  
Reg. No. 42854  
908-582-6866.

Date: Jan. 17, 2005

Docket Administrator (Room 3J-219)  
Lucent Technologies Inc.  
101 Crawfords Corner Road  
Holmdel, NJ 07733-3030

Date of Deposit	<u>January 17, 2005</u>
I hereby certify that this correspondence is being deposited with the United States Postal Service in a First Class Mail envelope on the date indicated above and is addressed to:	
Mail Stop	<u>Amendment</u>
Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450.	
<u>John F. McCabe</u>	
Printed name of person mailing paper or fee	
<u>John F. McCabe</u>	
Signature of person mailing paper or fee	



**IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE**

**Patent Application**

**Inventors:** Richard M. Lum et al

**Case No.:** 6-11-9-8

**Serial No.:** 10/680,611

**Group Art Unit:** 1731

**Filing Date:** October 7, 2003

**Examiner:** John M. Hoffmann

**Title:** SILICA-BASED OPTICAL FIBERS AND MULTI-PASS SINTERING

**ASSISTANT COMMISSIONER OF PATENTS  
WASHINGTON, D.C. 20231**

**Sir:**

**RESPONSE UNDER 37 CFR § 1.111, 1.112, 1.121**

This is a response to the Office Action mailed Oct. 15, 2004. This response has a due date of January 17, 2005, because January 15, 2005 fell on a Saturday.

**a.     Introductory Comments**

Claims 18 – 23 were filed in this divisional application and have been rejected in the Office Action.

Herein, Applicants amend page 1 of the specification and Figure 5.

Herein, Applicants also amend claim 18, cancel claim 23, and add new claim 24.

Applicants request reconsideration.